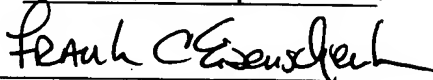


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Frank C. Eisenschenk, Ph.D., Patent Attorney

INFORMATION DISCLOSURE
STATEMENT

Patent Application

Docket No. ARS-126

Serial No. 10/573,369

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Philippe Dupraz, Michel Kobr
Serial No. : 10/573,369
Filed : March 24, 2006
Conf. No. : 2134
For : Leader Sequences for Use in Production of Proteins

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 AND 1.98

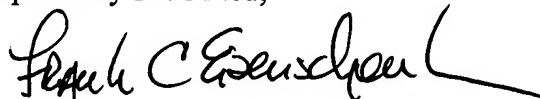
Sir:

In accordance with 37 C.F.R. § 1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. A copy of each cited reference is enclosed.

It is respectfully requested that the references cited on the attached form PTO/SB/08 be considered in the examination of the subject application and that their consideration be made of record.

Applicants respectfully assert that the substantive provisions of 37 C.F.R. §§ 1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



Frank C. Eisenschenk, Ph.D.

Patent Attorney

Registration No. 45,332

Phone No.: 352-375-8100

Fax No.: 352-372-5800

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Gainesville, FL 32614-2950

FCE/sl

Attachments: Form PTO/SB/08; copies of references cited therein.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/573,369
				Filing Date	March 26, 2006
				First Named Inventor	Philippe Dupraz
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	ARS-126

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	⁶
	F1	WO 99/53059 A1	10-21-1999	Genentech, Inc..	All	
	F2	WO 00/47741 A1	08-17-2000	Amgen, Inc.	All	
	F3	WO 00/52158 A1	08-09-2000	Cell Genesys, Inc.	All	
	F4	EP 0 382 762 B1	12-15-1993	Edwards <i>et al.</i>	All	
	F5					
	F6					
	F7					

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/573,369
				Filing Date	March 26, 2006
				First Named Inventor	Philippe Dupraz
				Group Art Unit	
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	ARS-126

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	Database EMBL 'Online!, Database Accession No. BD599618, ASHKENAZI, A.J., <i>et al.</i> "Secretion of glycosylated protein with the use of tissue plasminogen activator prosequence" July 17, 2003, XP002267400.	
	R2	Database GENESEQ 'Online!, Database Accession No. AAY95831, MARTIN, F.H. <i>et al.</i> "Native mouse IgG1 signal peptide" November 7, 2000, XP002267401.	
	R3	Database GENESEQ 'Online!, Database Accession No. AAY96081, PATEL, S. <i>et al.</i> "Mouse IgH signal peptide", December 5, 2000, XP002266931.	
	R4	ETCHEVERRY, T. <i>et al.</i> "Thirteen Amino Acid Propeptide from Tissue Plasminogen Activator Improves Expression of Recombinant TNFr-IgG1", April 25-29, 1999, ESACT meeting, abstract, 01.07/P1.02.	
	R5	KÖHNE, C. <i>et al.</i> "Secretion of Glycosylation Site Mutants Can be Rescued by the Signal/Pro Sequence of Tissue Plasminogen Activator", <i>Journal of Cellular Biochemistry</i> , 1999, pp. 446-461, Vol. 75.	
	R6	NAKAYAMA, K. "Furin: A Mammalian Subtilisin/Kex2p-Like Endoprotease Involved in Processing of a Wide Variety of Precursor Proteins", <i>Biochem. J.</i> , 1997, pp. 625-635, Vol. 327.	
	R7	PFEFFER, S. R. <i>et al.</i> "Biosynthetic Protein Transport and Sorting by the Endoplasmic Reticulum and Golgi", <i>Ann. Rev. Biochem.</i> , 1987, pp. 829-852, Vol. 56.	
	R8	SEIDAH, N. G. <i>et al.</i> "Proprotein and Prohormone Convertases: a Family of Subtilases Generating Diverse Bioactive Polypeptides", <i>Brain Research</i> , 1999, pp. 45-62, Vol. 848.	
	R9	SHOTWELL, M. A. <i>et al.</i> "Regulation of Amino Acid Transport System L in Chinese Hamster Ovary Cells", <i>The Journal of Biological Chemistry</i> , March 25, 1982, pp. 2974-2980, Vol. 257, No. 6.	
	R10	THOMAS, G. "Furin at the Cutting Edge: From Protein Traffic to Embryogenesis and Disease", <i>Nature Reviews Molecular Cell Biology</i> , October 2002, pp. 753-766, Vol. 3.	
	R11	WATANABE, T. <i>et al.</i> "Sequence Requirements for Precursor Cleavage within the Constitutive Secretory Pathway", <i>The Journal of Biological Chemistry</i> , April 25, 1992, pp. 8270-8274, Vol. 267, No. 12.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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		Application Number	10/573,369		
		Filing Date	March 26, 2006		
		First Named Inventor	Philippe Dupraz		
		Group Art Unit			
		Examiner Name			
Sheet	3	of	3	Attorney Docket Number	ARS-126

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R12	LOH, D. Y. <i>et al.</i> "Molecular Basis of a Mouse Strain-Specific Anti-Hapten Response", <i>Cell</i> , May 1983, pp. 85-93, Vol. 33.	
	R13	SwissProt Accession No. P00750, "Tissue-Type Plasminogen Activator", July 1986, pp. 1-10.	
	R14	EMBL Accession No. M13331, WEAVER, D. <i>et al.</i> "Altered repertoire of endogenous immunoglobulin gene expression in transgenic mice containing a rearranged mu heavy chain gene", April 27, 1993.	
	R15		
	R16		
	R17		
	R18		
	R19		
	R20		
	R21		
	R22		
	R23		

Examiner Signature		Date Considered	
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